Index of Claims

| Apı | plicatio | on/Co | ntrol | No |
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09/852,472

Applicant(s)/Patent under Reexamination

09/852,47 Examiner SHEPPARD ET AL.

Michael Pak

1646

√ Rejected
= Allowed

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Cancelled

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N Non-Elected

A Appeal

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I Interference

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| Cla          | aim      | Date     |  |          |          | CI       | Date     |           |                 |           |          |              |              |  | Cla      | aim      | Date          |                 |          |          |   |       |            |          |  |          |              |                 |                 |          |           |          |
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|              | -m       | 5        |  |          |          |          |          |           |                 |           |          | <del>-</del> |              |  |          |          |               |                 |          |          | 7 |       | al         | -        |  |          |              |                 |                 |          |           |          |
| Final        | Original | 75-11-6  |  |          |          |          |          |           |                 | ł         | Final    | Original     |              |  |          |          |               |                 |          |          |   | Final | Original   |          |  |          |              |                 |                 |          |           | ĺ        |
| ίΞ           | ğ        | 17.      |  |          |          |          | ı        |           |                 |           | ΙĒ       | ٦            |              |  |          |          |               |                 | - 1      |          |   | ίΞ    | Orić       |          |  |          |              |                 |                 |          |           | ı        |
|              |          | .2       |  |          |          |          |          |           |                 |           |          |              |              | L  |          | Ш        |               |                 | $\perp$  |          | ╛ |       |            |          |  |          | Ĺ            |                 | Ш               |          |           | L        |
|              | 1        |          |  |          |          |          |          |           |                 |           |          | 51           |              | $oxed{oxed}$                                     |          | Ш        |               | _               | _        | $\perp$  | ╛ |       | 101        |          |  |          |              | Ш               | Ш               | Ц        |           | L        |
|              | 1        |          |  | $\perp$  |          | $\Box$   | $\Box$   |           |                 | _         | <u> </u> | 52           |              | <u> </u>   |          | Ш        |               | _               | _        |          | ŀ |       | 102        |          |  |          |              |                 | Ш               | Ш        |           | L        |
|              | 1        |          |  | $\perp$  |          | _        |          |           |                 | _         |          | 53           | _            | L_   |          |          |               |                 |          |          | 4 |       | 103        |          |  |          |              | Ш               | Ш               | Ц        |           | ᆫ        |
|              | 4        |          |  | 4        | _        |          | _        | $\Box$    |                 | _         |          | 54           | $\perp$      |  |          | Ш        | _             | _               | _        |          | 4 |       | 104        |          |  |          | _            | Ш               |                 | $\perp$  |           | <u> </u> |
|              | - 5      |          | Ш  | $\perp$  | _        | _        |          |           |                 | _         | ļ        | 55           | ↓_           | <u> </u>   |          | Ш        | _             | _               | _        |          | 4 |       | 105        |          | ٠  |          |              | Ш               |                 | _        |           | _        |
|              | 4        |          | $\sqcup$   | 4        | _        | _        | _        |           |                 | _         | <u> </u> | 56           | <del> </del> |  |          |          | _             | _               | 4        |          | 4 |       | 106        |          |  |          |              |                 |                 | $\dashv$ | _         | ┕        |
|              | 1        |          |  | 4        | 4        | _        |          |           |                 | _         |          | 57           | _            |  |          |          |               | _               | _        | _        | 4 |       | 107        | _        |  |          |              | $\sqcup$        |                 | _        | $\dashv$  | _        |
|              | 8        | _        | -  | 4        | 4        | $\dashv$ |          |           |                 | _         |          | 58           | _            |  |          | Ш        | _             |                 | -        |          | _ |       | 108        | _        | _  |          |              | Ш               | Ш               | -        | $\dashv$  | ⊢        |
|              | g        |          | <b></b>  | +        | 4        | $\dashv$ | $\dashv$ |           |                 | _         | ļ        | 59           | ╀            | _  |          | -        | _             | -               | -        | _ _      | _ |       | 109        |          |  |          |              | Ш               | Ш               | $\dashv$ | _         | ┝        |
|              | 10       |          |  | 4        | _        | _        | _        |           |                 | _         |          | 60           | ↓            | _  | _        | <u> </u> |               | -               | $\dashv$ | +        | 4 |       | 110        |          |  |          |              | ш               | Ш               | $\dashv$ | $\dashv$  | $\vdash$ |
| <u> </u>     | 11       |          | $\vdash \vdash$                                  | +        | +        | $\dashv$ | _        | $\square$ | $\sqcup$        | $\dashv$  |          | 61           | $\vdash$     | $\vdash$   | <u> </u> |          | _             |                 | -        | _        | 4 |       | 111        |          | <u> </u>   | $\vdash$ | $\vdash$     | ш               | $\vdash \vdash$ | $\dashv$ | $\dashv$  | $\vdash$ |
| <u> </u>     | 12       | <u> </u> | -  | 4        | _ -      | _        |          |           | $\vdash$        | 4         | ļ        | 62           | $\vdash$     | $\vdash$   | $\vdash$ | Н        | $\rightarrow$ | $\dashv$        | $\dashv$ | $\perp$  | 4 |       | 112        |          | <b> </b>   |          |              | ш               | $\vdash \vdash$ | $\dashv$ | $\dashv$  | $\vdash$ |
|              | 13       |          | -  | - -      |          |          |          |           |                 | $\dashv$  | -        | 63           | ┼-           | $\vdash$   |          | Н        | _             | _               | $\dashv$ | +        | 4 |       | 113        | _        | <u> </u>   | ļ        |              | <u> </u>        | Н               | $\dashv$ | $\dashv$  | <u> </u> |
| ļ            | 14       |          | -  | +        | +        | $\dashv$ | _        |           | $\vdash \vdash$ | $\dashv$  | $\vdash$ | 64           | +            | <u> </u>   | _        |          | -             | -               | -        | - -      | - | ļ     | 114        | <u> </u> | <u> </u>   | <u> </u> | L-           | ш               | Н               | $\dashv$ | $\dashv$  | $\vdash$ |
|              | 15       |          | ┵  | - -      |          |          |          |           | $\vdash \vdash$ | -         | <u> </u> | 65           | -            | $\vdash$   | Ш        | Н        | _             | $\dashv$        | $\dashv$ | $\perp$  | 4 | ļ     | 115        | <u> </u> | <u> </u>   | <u> </u> | $\vdash$     | لـــا           | $\vdash \vdash$ |          | $\dashv$  | -        |
| <u> </u>     | 16       | V        | <del>                                     </del> | +        | +        | $\dashv$ |          |           |                 | _         | -        | 66           | _            | $\vdash$   | $\vdash$ | $\vdash$ |               |                 | -        | - -      | 4 |       | 116        | <u> </u> | <u> </u>   | -        | <u> </u>     | ш               | $\vdash \vdash$ | $\dashv$ | $\dashv$  | $\vdash$ |
| <u> </u>     | 17       | +        | ├-   | +        | $\dashv$ |          |          |           | $\vdash$        | $\dashv$  | <u> </u> | 67           | $\vdash$     | $\vdash$   | $\vdash$ | Н        | -             | $\dashv$        | $\dashv$ | - -      | - |       | 117<br>118 |          |  |          | <del> </del> | $\vdash$        |                 |          |           |          |
| <u> </u>     | 18       | +        | ├-   | +        | +        | $\dashv$ | $\dashv$ | -         |                 | -         | -        | 68           | ┢            | -  |          | Н        | -             | $\dashv$        | $\dashv$ | +        | ┨ |       |            |          | <u> </u>   |          |              |                 | $\vdash$        |          | -         | -        |
|              | 19       | ╀        | $\vdash$   | +        | +        | $\dashv$ |          |           |                 | -         |          | 69           | -            |  | _        | -        | -             | -+              |          | +        | 4 |       | 119<br>120 |          | <u> </u>   |          |              | Н               | $\vdash\vdash$  | $\dashv$ | $\dashv$  | $\vdash$ |
|              | 20       | ╀        | <b>├</b> ──├                                     |          | +        | $\dashv$ |          |           |                 |           | -        | 70<br>71     | ╀            | <del> </del>                                     | $\vdash$ | Н        | $\dashv$      | $\dashv$        | $\dashv$ | +        | - |       | 121        | _        | $\vdash$   |          |              | $\vdash$        | $\vdash\vdash$  | $\dashv$ | $\dashv$  | $\vdash$ |
| <u> </u>     | 22       | +        | <del>                                     </del> |          | -        |          |          |           | -               |           |          | 72           | ┼-           | -  |          | Н        | $\dashv$      | $\dashv$        | $\dashv$ | +        | 4 |       | 122        |          | _  |          |              | Н               | $\vdash\vdash$  | $\dashv$ | $\dashv$  | $\vdash$ |
|              | 23.      | Ͱ        | $\vdash$   | +        | +        | $\dashv$ |          |           | $\dashv$        |           | ļ        | 73           | ╁            | H  | $\vdash$ | $\vdash$ |               |                 | $\dashv$ |          | - |       | 123        |          |  |          |              | $\vdash \vdash$ | $\vdash$        | $\dashv$ | -         | $\vdash$ |
|              | 24       | ┡        | $\vdash$   | +        | +        | $\dashv$ | $\dashv$ | •         | -               | -         |          | 74           | ╁            | -  | -        | ├─┤      | -             | ᆉ               | -        |          | 4 |       | 124        |          | -  | _        | _            |                 | $\vdash$        |          |           | -        |
|              | 25       | +        | $\vdash$   | +        | +        | $\dashv$ | $\dashv$ |           | $\dashv$        | $\dashv$  | -        | 75           | $\vdash$     | Н  |          | Н        | $\dashv$      | $\dashv$        | $\dashv$ |          | 4 |       | 125        |          | -  | _        | _            | $\vdash$        | $\vdash$        |          |           |          |
|              | 26       | -        | ┝─┼  |          | +        |          |          |           | -               | $\dashv$  |          | 76           | ╁╴           |  | Н        | Н        |               | $\dashv$        | $\dashv$ | +        | ┨ |       | 126        |          |  |          |              | Н               | $\vdash$        | $\dashv$ | $\dashv$  | ┢        |
| <u> </u>     | 27       | +        | ╁  | +        | +        | $\dashv$ | $\dashv$ | -         | $\dashv$        | $\dashv$  |          | 77           | +            | -  |          |          |               | +               | -        |          | ┨ |       | 127        | _        | $\vdash$   |          |              | H               | $\vdash$        | $\dashv$ | $\dashv$  | ┢        |
| <del> </del> | 28       | +        | $\vdash$   | +        | +        | $\dashv$ | $\dashv$ |           | $\vdash$        | $\dashv$  | -        | 78           | +            |  |          | Н        | $\dashv$      | $\dashv$        | $\dashv$ |          | ┨ |       | 128        | _        | ⊢  |          | $\vdash$     | $\vdash$        | $\vdash$        | -        | -         | -        |
| <b>-</b>     | 29       | +        |  | +        | +        | $\dashv$ | $\dashv$ |           | $\vdash$        | $\dashv$  | -        | 79           | +            | $\vdash$   | $\vdash$ | Н        | $\dashv$      | $\dashv$        | -        | $\dashv$ | ┨ |       | 129        | _        | -  |          | H            | Н               | $\vdash$        | $\dashv$ | $\neg$    | H        |
| <u> </u>     | 30       | ╁        | <del>  </del> -                                  | ╅        | +        | $\dashv$ | $\dashv$ | -         |                 |           | -        | 80           | +            | $\vdash$   |          | Н        | $\dashv$      | ┰┼              | +        | -        | ┨ |       | 130        |          | -  | _        | $\vdash$     | Н               | $\vdash$        | $\dashv$ | $\dashv$  | $\vdash$ |
| $\vdash$     | 31       | +        | ╁─┼╴   | +        | +        | -        |          | -         |                 | ╡         |          | 81           | +            |  |          | Н        | $\dashv$      | $\dashv$        | $\dashv$ | $\dashv$ | ┨ |       | 131        |          |  |          | -            |                 | -               | -        | $\dashv$  | $\vdash$ |
|              | 32       | +        | $\vdash$   | +        | $\pm$    | $\dashv$ | $\dashv$ |           |                 | $\dashv$  |          | 82           | ┿            | -  | -        | -        | +             | -               | -        |          | ┪ |       | 132        | _        |  |          |              | Н               | Н               |          | $\exists$ | H        |
| $\vdash$     | 33       | +        | $\vdash \vdash$                                  | +        | +        | $\dashv$ | $\dashv$ | $\vdash$  | $\vdash$        | $\dashv$  |          | 83           | 十一           |  | -        | $\vdash$ | -             | $\dashv$        | $\dashv$ | $\dashv$ | 1 |       | 133        |          | $\vdash$   |          |              | Н               |                 | $\dashv$ | $\dashv$  |          |
|              | 34       | V        | H  | +        | +        | $\dashv$ | $\dashv$ |           | $\vdash$        | $\dashv$  | -        | 84           | +            | <del>                                     </del> |          | ┝╌┤      | -             | +               | -+       | $\dashv$ | 1 |       | 134        |          |  |          |              | Н               |                 | $\dashv$ | $\dashv$  | Н        |
| <del></del>  | 35       | ŕ        | $\vdash$   | +        | $\dashv$ | _        | -        |           |                 | $\dashv$  |          | 85           | T            | Т  |          | Н        | $\dashv$      | 1               | $\dashv$ | $\top$   | 1 |       | 135        |          | <del>                                     </del> | T        |              | $\Box$          | -               |          | _         | _        |
|              | 36       |          |  | $\top$   | +        | $\dashv$ | $\dashv$ |           | H               | $\dashv$  |          | 86           | T            | Т  |          | H        | $\dashv$      | 1               | $\dashv$ | +        | 1 |       | 136        |          | $I^-$  |          |              | $\vdash$        | П               | $\vdash$ | $\neg$    | Г        |
| <u> </u>     | 37       | -        | <del>     </del>                                 | $\top$   | $\dashv$ | $\dashv$ | $\dashv$ |           | $\exists$       | $\dashv$  |          | 87           | †            |  |          |          |               | 一               | _        | $\dashv$ | 1 |       | 137        | -        | Т  | T        | $\vdash$     | М               |                 | $\Box$   | $\neg$    | _        |
|              | 38       |          | 一十   | 十        | $\dashv$ | 7        | -        |           | $\vdash$        | $\neg$    |          | 88           | 1            | T  | $\Box$   | М        | $\dashv$      | $\dashv$        | $\neg$   | $\top$   | 1 |       | 138        |          |  |          |              | М               | $\sqcap$        | $\sqcap$ | $\neg$    | Г        |
|              | 39       |          |  | 十        | +        | 7        | $\neg$   | $\neg$    | $\dashv$        | $\dashv$  |          | 89           | †            | Г  | П        | М        |               | $\dashv$        | $\dashv$ | $\dashv$ | 1 |       | 139        |          |  | Г        |              | П               | П               | $\sqcap$ | $\neg$    | Г        |
|              | 40       |          | $\Box$   | $\top$   | $\top$   | $\neg$   | $\neg$   |           | $\Box$          | $\neg$    |          | 90           | †            | Г  |          | П        |               | 寸               | 7        | $\top$   | 1 |       | 140        |          | 1  |          |              |                 | П               | 一        |           | Г        |
|              | 41       | _        |  | 1        | 寸        | $\dashv$ | $\neg$   |           | $\Box$          | $\exists$ |          | 91           | 1            |  |          | П        |               |                 | $\dashv$ | +        | 1 |       | 141        |          | Π  | Π        | $\vdash$     | П               | $\Box$          | 一        |           |          |
|              | 42       |          |  | 十        | $\dashv$ | 7        | $\neg$   |           | $\sqcap$        |           |          | 92           | 1            | Г  |          | П        | $\neg$        | $\neg \uparrow$ |          | $\top$   | 1 |       | 142        |          | Γ  |          |              |                 | П               | $\sqcap$ |           | Г        |
|              | 43       |          |  | $\dashv$ | ↰        | 7        |          |           |                 | $\neg$    |          | 93           | Ī            | İ  |          | П        |               | $\neg$          | $\dashv$ | $\neg$   | 1 |       | 143        |          | Γ  | П        |              | П               | П               | $\sqcap$ | $\neg$    |          |
|              | 44       |          |  | $\top$   | $\top$   | $\neg$   | $\neg$   |           |                 | $\neg$    |          | 94           | 1            | Π  |          | П        |               | $\dashv$        | $\neg$   | $\neg$   | 1 |       | 144        |          |  |          |              | П               | П               | 一        |           |          |
|              | 45       |          |  | $\top$   | $\dashv$ |          |          |           |                 | $\exists$ |          | 95           | 1            |  |          | П        | 1             | 1               | $\neg$   | 1        | 1 |       | 145        |          | Г  | Г        |              | П               | П               | $\sqcap$ | $\neg$    | Г        |
|              | 46       |          |  | $\neg$   | 7        | 7        |          |           | $\neg$          | $\neg$    |          | 96           | Τ            | Т  |          | П        |               | $\dashv$        | $\neg$   | $\neg$   | 1 |       | 146        |          | Г  |          |              | П               | П               | $\sqcap$ | $\Box$    | Γ        |
|              | 47       |          |  | $\dashv$ | 7        | 寸        | $\neg$   |           |                 | $\neg$    |          | 97           | 1            |  |          | П        | $\neg$        | $\dashv$        | $\neg$   | $\neg$   | 1 |       | 147        |          |  |          |              | П               | П               | 一        |           | Г        |
|              | 48       |          |  | +        | 1        | $\neg$   |          |           | H               | $\neg$    |          | 98           | 1            |  |          | П        |               | 7               | $\neg$   | $\neg$   | 1 |       | 148        |          | $I^-$  | Г        | Ι            |                 | П               |          | $\neg$    | Г        |
|              | 49       |          |  | 十        | $\neg$   | $\neg$   | $\neg$   |           | $\sqcap$        | $\neg$    |          | 99           | 1            |  |          | $\Box$   |               | $\neg$          |          |          | 1 |       | 149        |          |  | Г        |              | П               | П               | 亓        |           | Г        |
|              | 50       |          |  | ┪        | $\neg$   |          | $\neg$   |           |                 | $\exists$ |          | 100          | 1            |  |          | П        | $\Box$        |                 | $\dashv$ | $\neg$   | 1 |       | 150        |          | Π  | Г        |              | П               | П               | ヿ゙゙゙゙゙゙  | $\neg$    | Γ        |